

ABSTRACT

In a method for manufacturing grain-oriented silicon steel with mirror-like surface by applying an aqueous  
5 slurry of an annealing separator, magnetic properties are stabilized by controlling the amount of moisture, carried in the annealing separator consisting mainly of alumina after application and drying thereof, to not more than  
1.5%, controlling the partial water vapor pressure during  
10 finish-annealing and eliminating the variation (instability) in secondary recrystallization caused by the inhibitor reaction at the interface.